

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU03/00280

A. CLASSIFICATION OF SUBJECT MATTER		
Int. Cl. ⁷ : H01S 3/08, 5/10, H01L 21/02, G02B 26/00		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols)		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) DWPI, JAPIO: keywords [(cavit+, resonator?, Fabry-Perot)(s)(tun+); membrane?, sacrificial; (reflect+, mirror?)(s)(mov+, deform+, deflect+, bend+); electro+, voltage, electric+]		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/09995 A (CORETEK INC) 8 February 2001 Page 14 last para - page 16 1 st para, Sec. "MEM Tunable VCSEL Fabrication Procedure" (pages 26-32), figures 1-3	1-35
X	EP 1146377 A (AGILENT TECHNOLOGIES INC) 17 October 2001 Col. 4 line 11 - col. 5 line 3, figures 3-4	1-35
X	EP 1146378 A (AGILENT TECHNOLOGIES INC) 17 October 2001 Col. 5 lines 4-28 & figure 3	26-35
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex		
<p>* Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p> <p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&" document member of the same patent family</p>		
Date of the actual completion of the international search 2 May 2003		Date of mailing of the international search report 15 MAY 2003
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaustalia.gov.au Facsimile No. (02) 6285 3929		Authorized officer IRINA TALANINA Telephone No : (02) 6283 2203

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99/34484 A (CORETEK INC) 8 July 1999 Sec. "MEM Tunable VCSEL/Filter Fabrication Procedure" (pages 34-41), figures 1, 3	1-35
P, X	US 2002/0131458 A (SIRBU <i>et al.</i>) 19 September 2002 Paragraphs [0011]-[0022], figure 1	26-35

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This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				Patent Family Member			
WO	200109995	EP	1212817	US	2002048301	US	2003031221
EP	1146377	JP	2001358402				
EP	1146378	JP	2001311883	US	6400738		
WO	9934484	AU	20174/99	CA	2316858	EP	1053574
		US	2002031155	US	6438149	US	2003012231
		US	2002061042	WO	2002054546	WO	2002075872
		US	2002176470	US	2003002255	WO	2002075879
		WO	2002077673				
US	2002131458	WO	2002075263	WO	2002075868	US	2002131464
							END OF ANNEX